

Louisville Metro Air Pollution Control District

E02 – Instructions for Petroleum Product Bulk Terminals

- 1) Form E99 must be completed. This form is required for every plant that has emissions in Jefferson County.
- 2) Form E90 should be completed for each emission process/point.
- 3) Form E50 should be completed **for every product** at the plant. Completion of the Product Chemical Composition section is not required.
- 4) Form E20 should be completed for each emission process/point that uses fuel.
- 5) The recommended method for reporting emissions from storage vessels is by the use of a program which calculates the breathing and working losses from tanks. The latest EPA TANKS program is appropriate for these calculations. Any other program based upon the latest AP-42 methodology that generates equivalent values may be used.
- 6) For each of the following categories and any additional categories of emissions that are appropriate, report VOC emissions on a copy of Form E90 or in a reasonable format for review by APCD.
 - Tanks
 - Loading Rack (as released through the control unit vent)
 - Fugitive emissions from trucks, loading activities, flanges, valves, etc.
 - Barge loading (if any)
- 7) Calculations should be attached that show how the emissions were determined, except for those embodied in the TANKS program. Calculations should include the following:
 - The tested or nominal control efficiency of the control device.
 - Any loading done during periods when the control device was malfunctioning, as hours or percent down time, reflected in the calculation of the loading rack emissions.
 - When an emission factor is used, please reference where the factor was obtained, the name and date of the document it was obtained from, and an explanation of the reasons for using that factor.
- 8) Annual VOC emissions should be reported as tons/year. Summer season daily VOC emissions means the daily average for the three (3) months of June, July, and August; it should be reported as pounds per day (lbs/day).